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[54] COMPRESSION DATA RECORD SEARCH SYSTEM

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[57] ABSTRACT

PURPOSE: To reduce a execution time in expanding only a specific record by compressing further a compressed data record with a record identification code inserted thereto so as to deciding only a compressed data whether or not it is the record number identification code.

CONSTITUTION: In applying a data string to a data compression decision section 1 sequentially, whether or not four bytes (compression threshold value is taken as 3) are all identical is decided and a record number identification code command signal 21 is outputted for one check timing. A record section detection section 2 receiving the signal 21, during the reception of the signal 21, outputs a record number identification code detection signal 22. A record number detection section 12 receiving the signal 22 outputs a record number to a data bus 38. When a record number given from a bus 37 is coincident with the number from the bus 38, a record number decision section 11 outputs a data expansion instruction signal 23. A compressed data expansion section 10 receiving the signal 23 expands the data from a data bus 31 according to the compression data rule and outputs the expanded data to an expansion data bus 39..

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